

AMENDMENT TO THE SPECIFICATION

Please amend paragraph [4] on page 2 as follows:

[4] As shown in FIG. 1, a related art microwave oven includes a turntable 11 on which food to be cooked is mounted; a magnetron 12 for generating electromagnetic waves, the electromagnetic waves being incident on the food inside of a cooking cavity 10 through a waveguide; a cooling fan 13 for ~~cooking~~cooling the heated magnetron 12; and an infrared sensor 14 for detecting the temperature of the food to be cooked.

Please amend paragraph [39] on page 8 as follows:

[39] As shown in FIG. 23, the data transmitting/receiving microwave oven 30 of the present invention includes a display unit 32 for displaying transmitted data through the wireless data transmitting/receiving unit 35, and a load drive unit 33 for driving loads of magnetron and heater.

Please amend paragraph [51] on page 10 as follows:

[51] To briefly explain, the transmitting/receiving unit includes an antenna 47 for used in data transmitting/receiving; a duplexer 41 for duplexing the antenna state according to whether data needs to be transmitted or received; a transmitter 42~~43~~/a receiver 43~~42~~, separated by the duplexer 41; an amplifier 44 for amplifying the transmitted/received data; an ADC 45 for converting data; and a Codec 46.

Please amend paragraphs [54] and [55] on page 11 as follows:

[54] More specifically speaking, the protocol layers in FIG. 5 can be divided into a first layer (~~L1~~51), a second layer (~~L2~~52), and a third layer (~~L3~~53), on the basis of the well-known three low layers of OSI (Open System Interface: OSI) standard model in communication system.

[55] The first layer (~~L4~~51) functions as a PHY (physical layer) for air interface, and is connected to an upper layer through a transfer channel.

Please amend paragraphs [57] to [59] beginning on page 11 to page 12 as follows:

[57] The second layer (~~L2~~52) functions as a data link layer. Many appliances share resources in the system network.

[58] The third layer (~~L3~~53) is in charge of control over the transport channel and physical channels, in connection with set up, reset and release of wireless carriers.

[59] The physical layer 51 includes a data communication means for conducting wireless data transmitting/receiving between the information appliance, such as the user's PDA, and the microwave oven; and a data storage means (a part of the Micom internal memory or an extra memory) for storing data downloaded by the data communication means.